

Business Intelligence Reporting

Demo 3: Adding Confidential InfoObjects

Washington State HRMS Business Intelligence (BI)
BI Power User Workshop Materials

General Topics - BI Power Users

Demo 3: Adding Confidential InfoObjects

The following demonstration will show how to add Confidential InfoObjects and Security Variables to the ad hoc query created in Demo 2: Modifying a Basic Ad Hoc Query.

Concepts covered in this demonstration include:

- I. Saving a Query as a New Query
- II. Adding a Confidential InfoObject
- III. Running the Ad Hoc Query without a Security Variable
- IV. Adding a Security Variable
- V. Running the Ad Hoc Query with a Security Variable
- VI. Ad Hoc Query Results

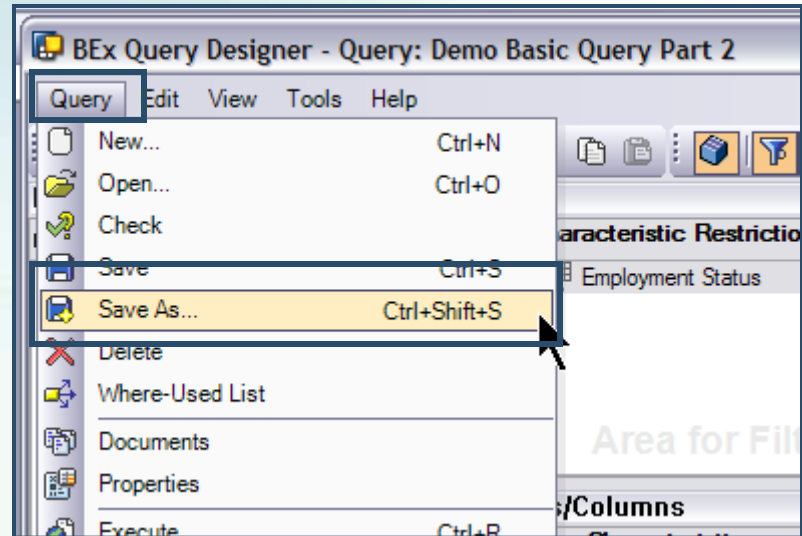
Display As Table Information Send Print Version Export to Excel Comments					
Columns	Personnel Area	Employee	Number of Employees	Number of Female Employees	Avg Salary - Female Employee
Key Figures	Dept of Personnel		1	1	\$ 54,744.00
Rows			1		
Personnel Area			0		
Employee			1	1	30,564.00
Free characteristics			1	1	27,216.00
Challenge Indicator			0	0	X
Ethnic Origin			1	1	26,664.00
			1	1	35,220.00
			1	1	39,732.00
			1		
			1	1	0.00
			1		
			1	1	32,808.00
			1	1	30,568.00
			1		
			1		
			1	1	60,036.00
			1	1	63,468.00

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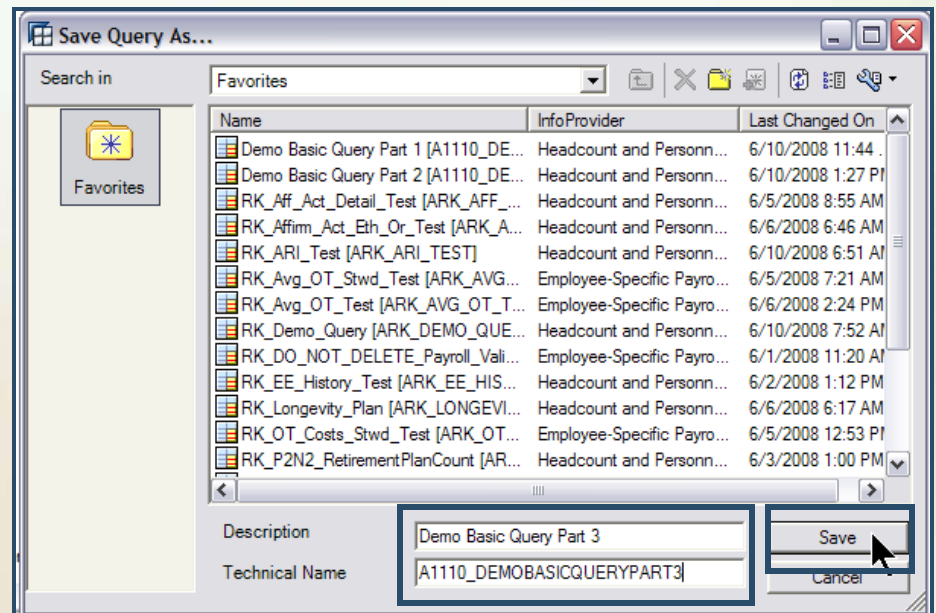
I. Saving a Query as a New Query

1. Open the Demo Basic Query Part 2 in BEx Query Designer.
2. Click the Query option in the menu bar and select Save Query As... .



Result: The “Save Query As...” screen will be displayed.

3. Enter “Demo Basic Query Part 3 in the Description text box of the “Save Query As...” screen.
4. Enter “A1110_DEMOBASICQUERY3” in the Technical Name.
5. Click Save.



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I. Saving a Query as a New Query, Cont...

Result: A new Ad hoc query will be saved as “Demo Basic Query Part 3” and return the user to BEx Query Designer with the new ad hoc query displayed for modifications.

The screenshot shows the BEx Query Designer interface with the following components:

- Query:** Demo Basic Query Part 3
- Menu:** Query, Edit, View, Tools, Help
- Toolbar:** Contains icons for various query functions like save, print, and filter.
- InfoProvider:**
 - Headcount and Personnel Action**
 - Key Figures**
 - Calculated Key Figure
 - Age in Months
 - Age in Years
 - Annual Salary
 - Cap.Utilization Lvl
 - Employment Percent
 - Headcount FTE
 - Length of Service
 - Monthly Salary
 - New Annual Salary
 - Number of Actions
 - Number of Employees
 - Present Pos Months
 - Prior Annual Salary
 - Salary Unit Amt
 - Service Months 44
 - State Srvc in Months
 - Dimensions**
 - Employee
 - Action
 - Personnel Area
 - Personal Data
 - Cost Center
 - Organizational Assignment
 - Employment
- Filter**
 - Characteristic Restrictions**
 - Employment Status
 - Default Values**
 - Personnel Area
 - Ethnic Origin
 - Challenge Indicator
- Rows/Columns**
 - Free Characteristics**
 - Challenge Indicator
 - Ethnic Origin
 - Columns**
 - Key Figures**
 - Number of Employees
 - Number of Female Employees
 - Female Employee Annual Salary
 - Avg Salary - Female Employee
 - Rows**
 - Personnel Area
 - Preview**

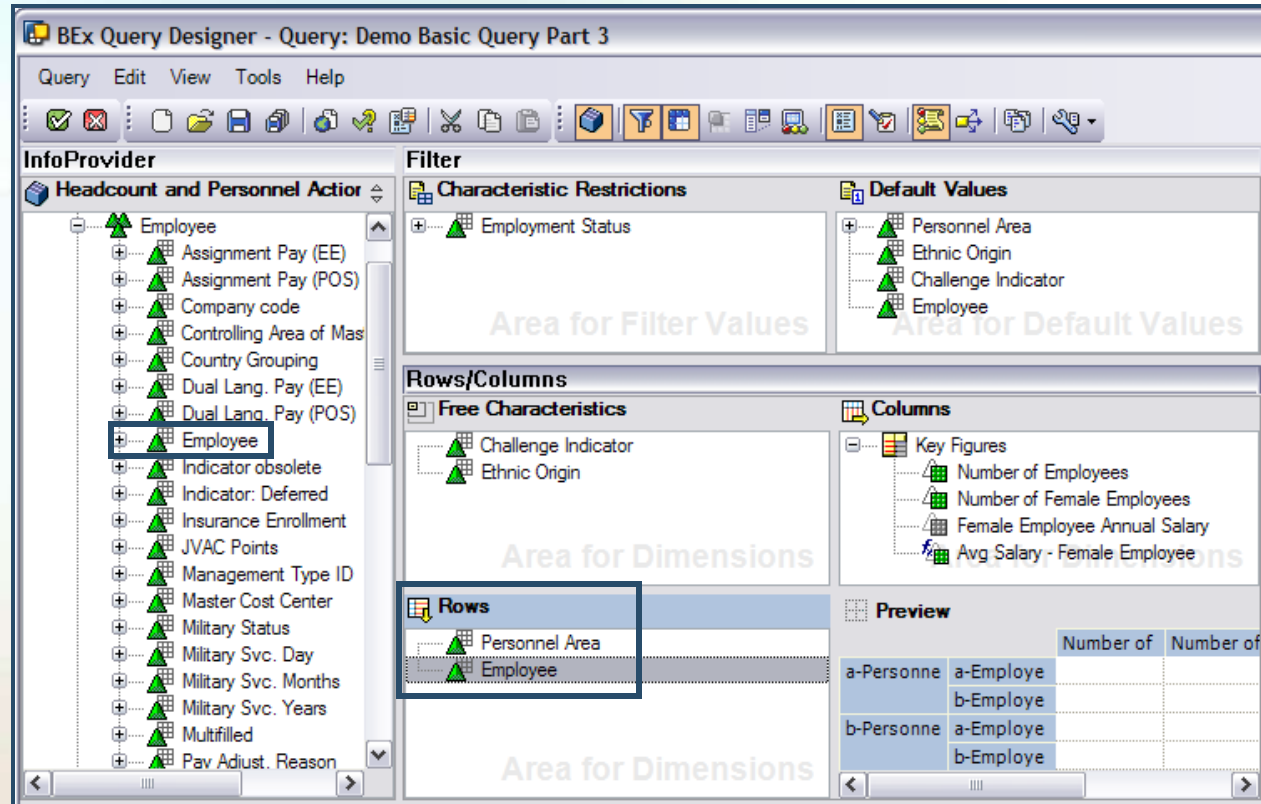
	Number of	Number of	Avg Salary
a-Personne			
b-Personne			

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II. Adding a Confidential InfoObject

1. Drag&Drop the Employee Characteristic from the Employee Dimension to the Rows section of the query.

Employee is a confidential InfoObject. BI security will check Structural Authorizations when Employee is included in the query. This will ensure the user receives results for only the data they have access to.



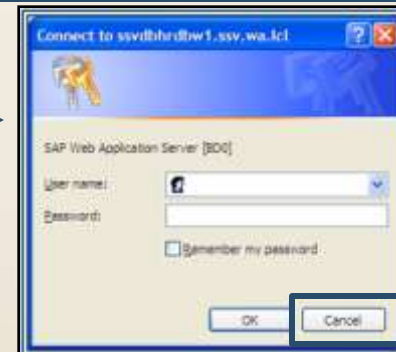
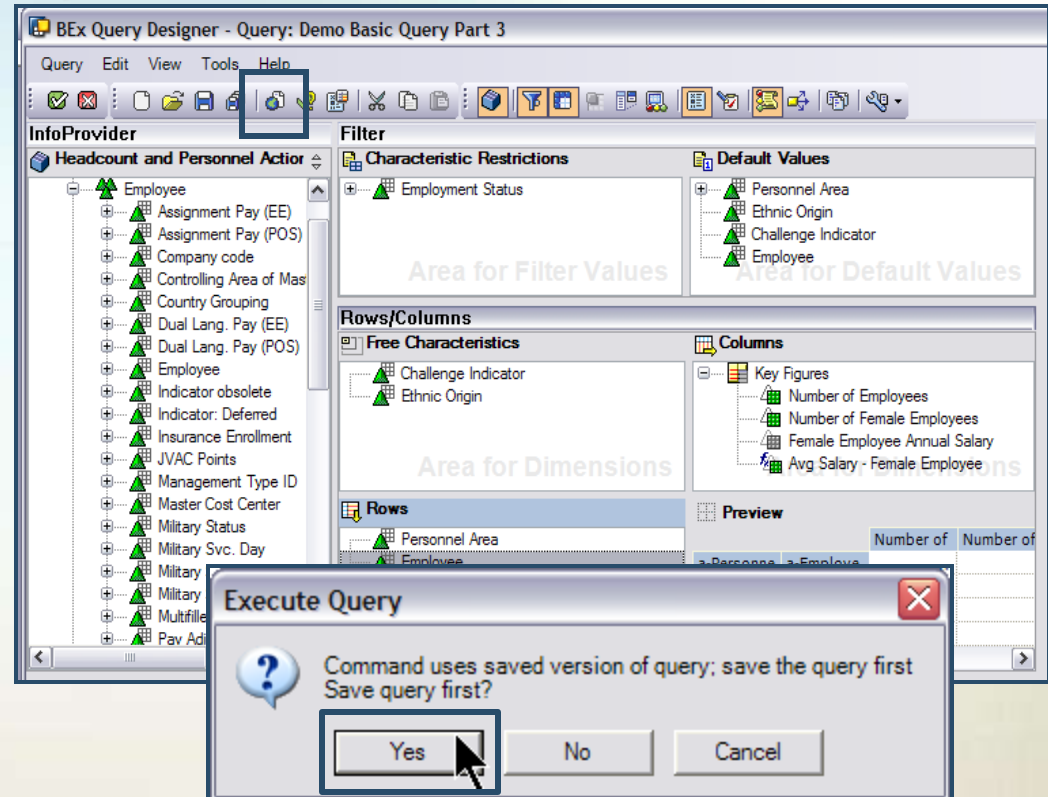
Demo 3: Adding Confidential InfoObjects

III. Running the Ad Hoc Query without a Security Variable

1. Click the Execute Query on the Web from the BEx Query Designer toolbar.

If prompted to Save the query, click Yes.

You may be prompted for a userid and password, click cancel ~ the Portal log on screen will be displayed and this is where you will enter your userid and password.

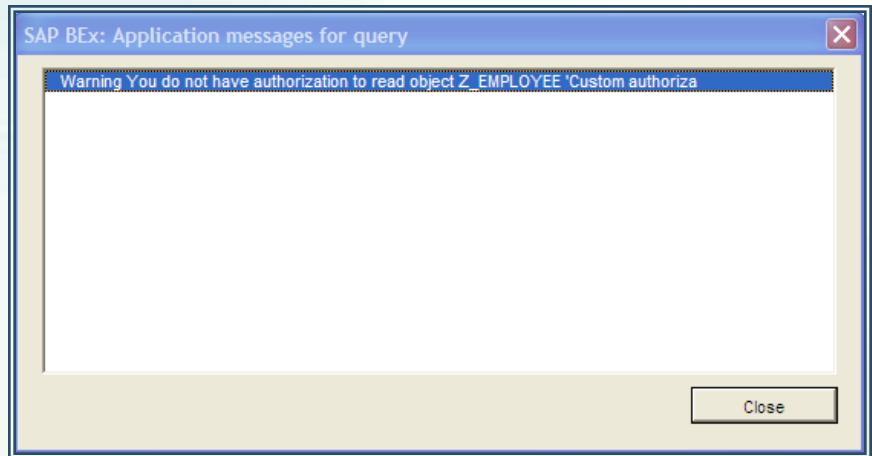


Demo 3: Adding Confidential InfoObjects

III. Running the Ad Hoc Query without a Security Variable, Cont...

Results: An authorization error will be displayed.

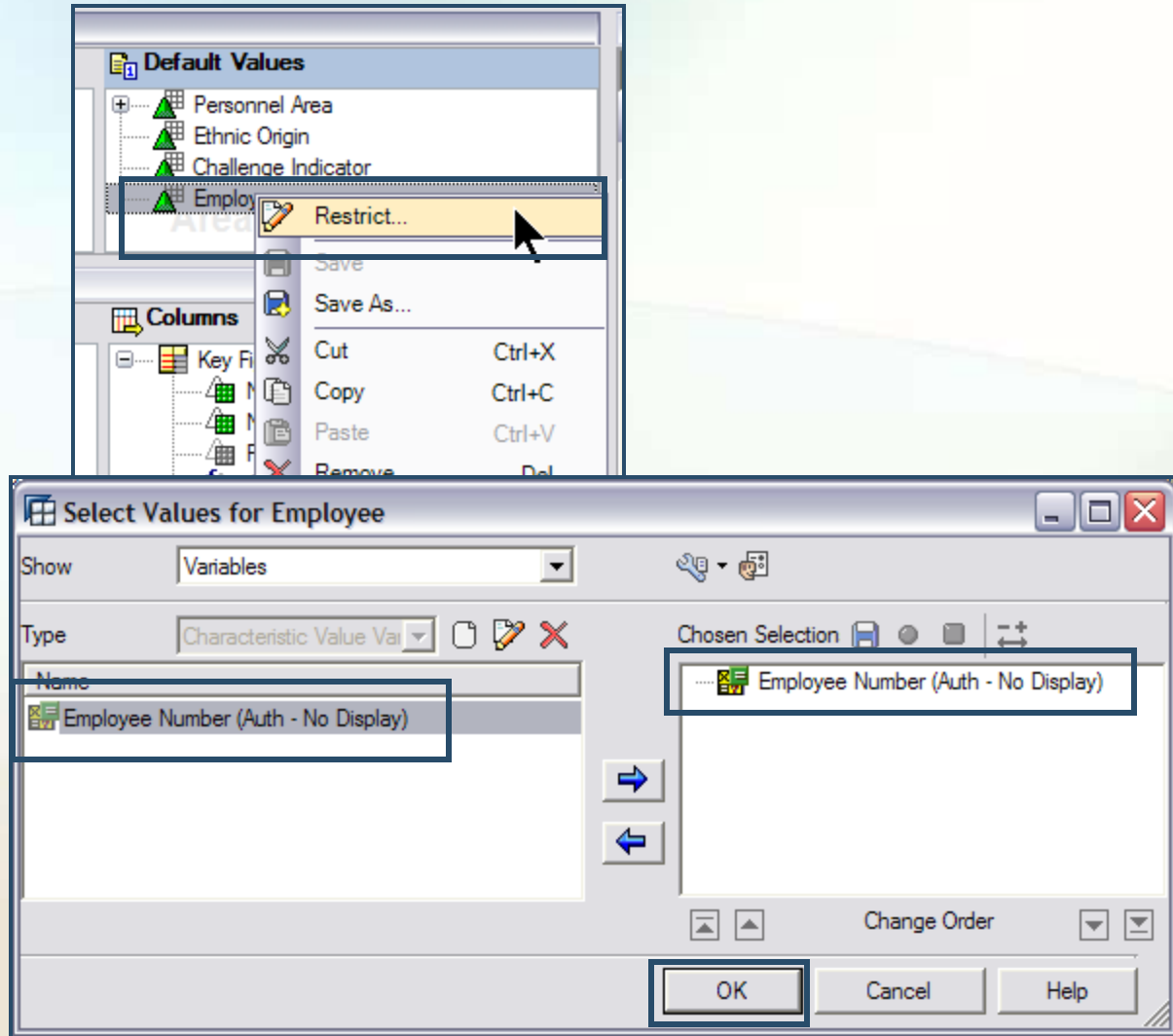
If a Security Variable is not included with the Employee characteristic, BI Security will return an authorization error for users who do not have statewide access.



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IV. Adding a Security Variable

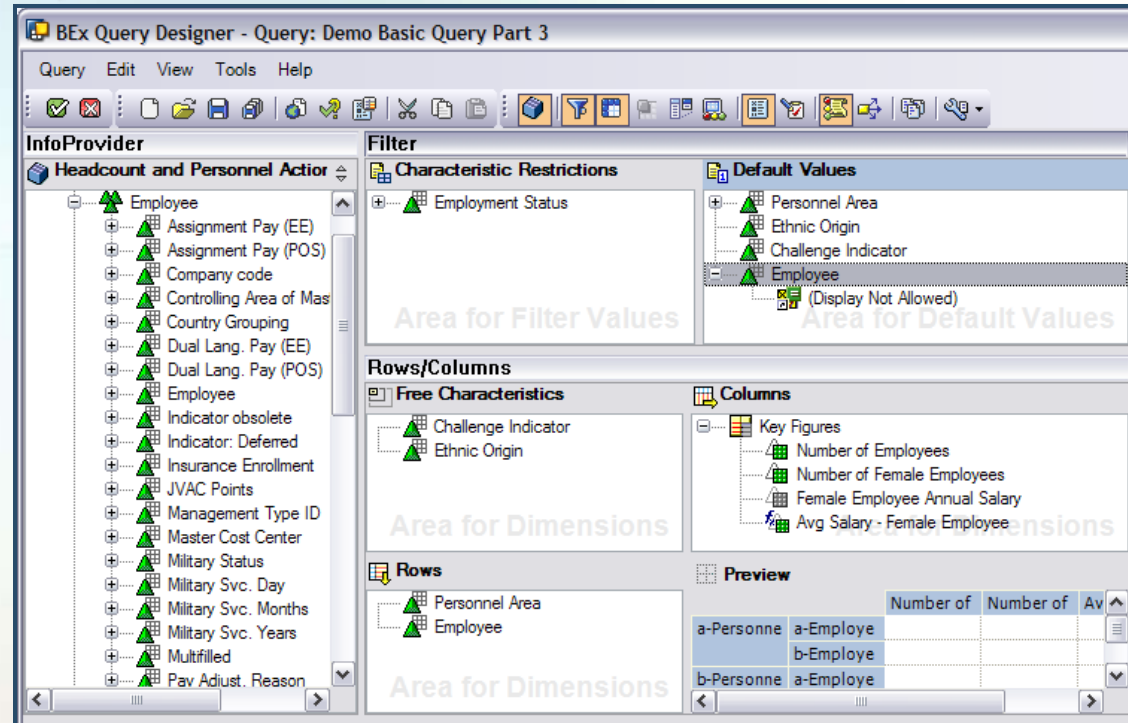
1. Right click the Employee Characteristic in the Default Values section.
2. Select Restrict....
3. Select the security variable "Employee Number (Auth - No Display)" to the "Chosen Selection".
4. Click OK.



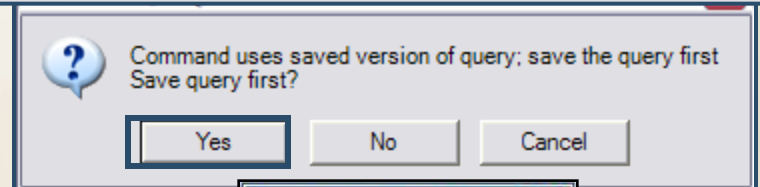
Demo 3: Adding Confidential InfoObjects

V. Running the Ad Hoc Query with a Security Variable

5. Click the Execute Query on the Web from the BEx Query Designer toolbar.



If prompted to Save the query, click Yes.



You may be prompted for a userid and password, click cancel ~ the Portal log on screen will be displayed and this is where you will enter your userid and password.



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VI. Ad Hoc Query Results

BI security will check Structural Authorizations to ensure the user receives results for only the data they have access to.

Demo Basic Query Part 3					
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